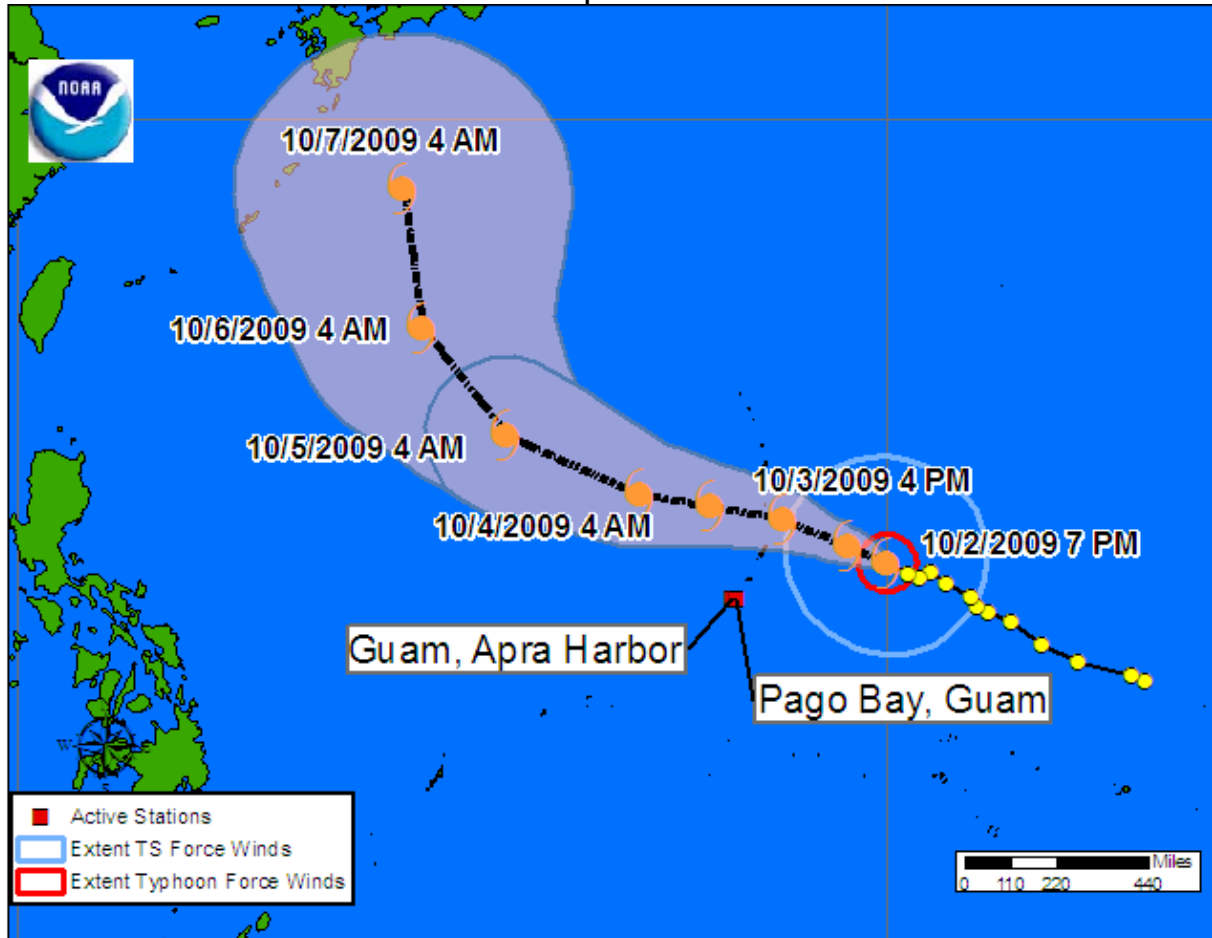




Typhoon MELOR QuickLook
Posted: 20:30 CHST 10/02/2009

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 10/02/2009 20:30 CHST water levels at Guam are slightly elevated above predictions. Water levels at Apra Harbor are 0.3 feet and Pago Bay is near 0.6 feet above predicted. Winds are increasing at Apra Harbor, currently 10-12 knots, while Pago Bay remains below 5 knots. Though atmospheric pressure fluctuates within normal conditions, it has started to trend downward, although currently near 1009 millibars.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Guam, Apra Harbor: Next predicted high tide is 2.26 ft (0.69 m) at 10/03/2009 06:42 CHST.

Pago Bay, Guam: Next predicted high tide is 1.50 ft (0.46 m) at 10/03/2009 06:12 CHST.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: LF

For more detailed information, see JOINT TYPHOON WARNING CENTER ADVISORY INFORMATION.

SELECT NATIONAL WEATHER SERVICE TIYAN GUAM ADVISORY INFORMATION:

TYPHOON MELOR (20W) ADVISORY NUMBER 13
800 PM CHST FRI OCT 2 2009

...TYPHOON MELOR ABOUT TO CROSS 150E ON ITS WAY TO THE MARIANAS...

A TYPHOON WARNING REMAINS IN EFFECT FOR SAIPAN AND TINIAN.

A TROPICAL STORM WARNING REMAINS IN EFFECT FOR GUAM, ROTA AND AGRIHAN.

A TYPHOON WATCH REMAINS IN EFFECT FOR ROTA AND AGRIHAN.

AT 700 PM CHST, THE CENTER OF TYPHOON MELOR WAS LOCATED NEAR LATITUDE 14.7 DEGREES NORTH AND LONGITUDE 150.0 DEGREES EAST.

THIS IS ABOUT 285 MILES EAST OF SAIPAN

295 MILES EAST OF TINIAN

325 MILES EAST OF ROTA

360 MILES EAST-NORTHEAST OF GUAM

400 MILES SOUTHEAST OF

AGRIHAN.

TYPHOON MELOR IS MOVING WEST-NORTHWEST AT 7 MPH. THIS GENERAL MOTION IS EXPECTED TO CONTINUE WITH AN INCREASE IN FORWARD SPEED OVER THE NEXT 12 HOURS.

MAXIMUM SUSTAINED WINDS ARE 140 MPH. MELOR IS EXPECTED TO CONTINUE TO INTENSIFY AND MAY BECOME A SUPER TYPHOON IN THE NEXT 12 TO 24 HOURS.

TYPHOON FORCE WINDS EXTEND OUTWARD UP TO 70 MILES FROM THE CENTER.
TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 260 MILES FROM THE CENTER.

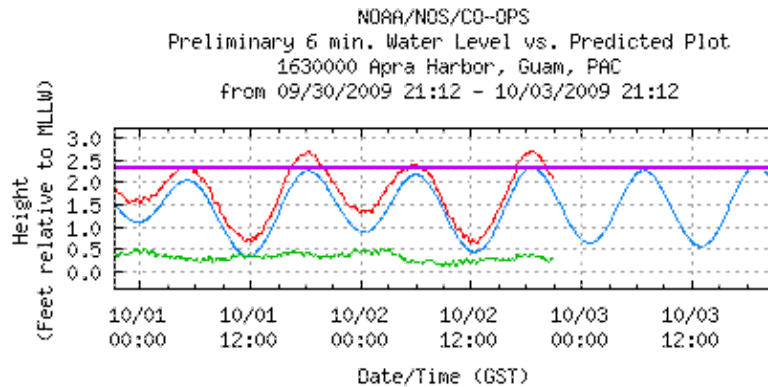
STANKO

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Typhoon MELOR QuickLook, POSTED 20:30 CHST 10/02/2009

Jump to: [Apra Harbor, Guam - Water Level](#), [Apra Harbor, Guam - Winds](#), [Apra Harbor, Guam - Barometric](#), [Apra Harbor, Guam - Air/Water Temp](#), [Pago Bay, Guam - Water Level](#), [Pago Bay, Guam - Winds](#), [Pago Bay, Guam - Barometric](#),

Apra Harbor, Guam, PAC - [Return to List](#)



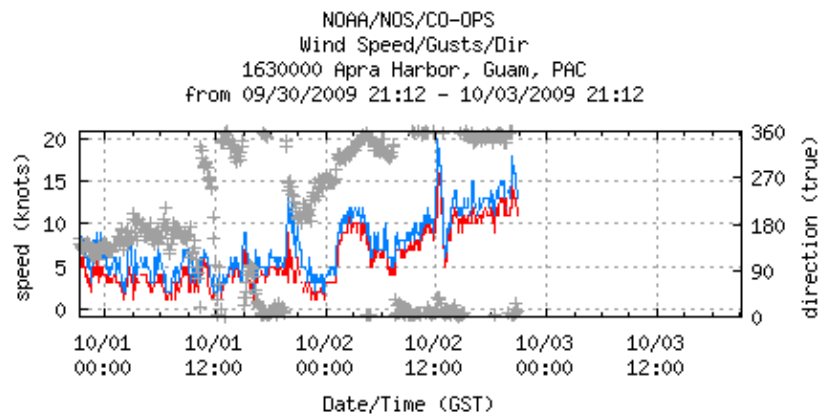
Predicted WL — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 10/02/2009 20:54 (GST)

Relative to **MLLW**: **Observed: 2.10 ft. Predicted: 1.80 ft. Residual: 0.30 ft.**

Historical Maximum Water Level: 08/28/1992, 1.95 ft. above **MHHW**

Apra Harbor, Guam, PAC - [Return to List](#)

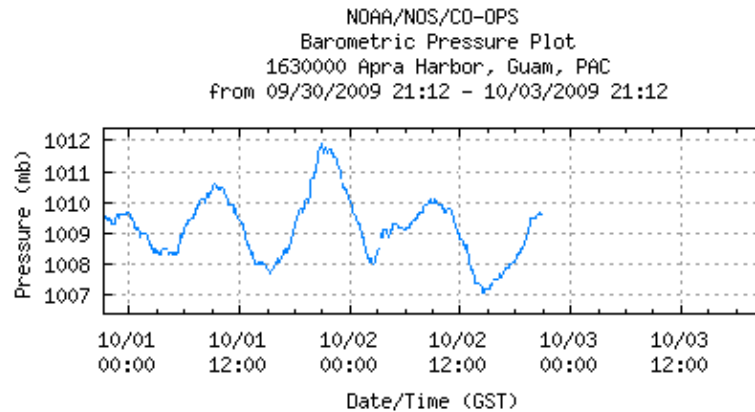


speed — gusts — direction +

Last Observed Sample: 10/02/2009 20:48 (GST)

Wind Speed: 11 knots Gusts: 13 knots Direction: 011° T

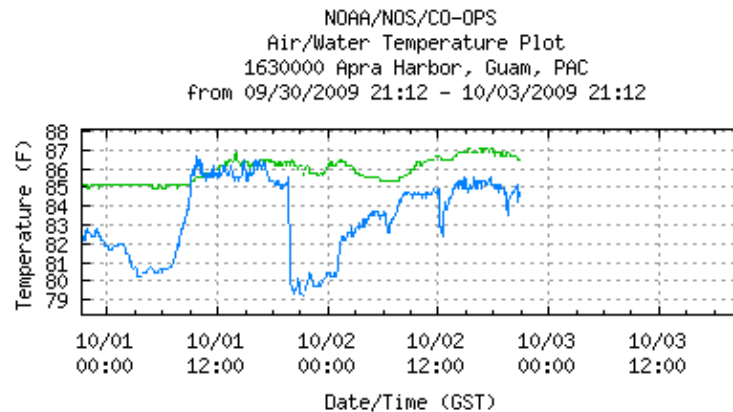
Apra Harbor, Guam, PAC - [Return to List](#)



Last Observed Sample: 10/02/2009 20:54 (GST)

Barometric Pressure: 1009.6 mb

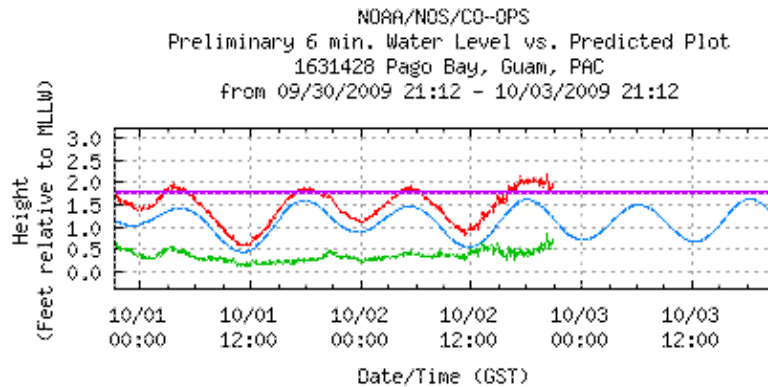
Apra Harbor, Guam, PAC - [Return to List](#)



Last Observed Sample: 10/02/2009 20:54 (GST)

Water Temperature: 86.5° F Air Temperature: 84.7° F

Pago Bay, Guam, PAC - [Return to List](#)

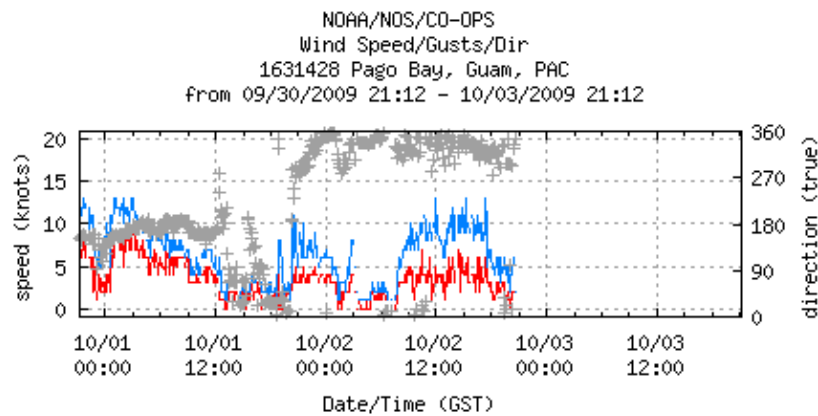


Last Observed Sample: 10/02/2009 20:54 (GST)

Relative to **MLLW**: **Observed: 1.93 ft. Predicted: 1.19 ft. Residual: 0.74 ft.**

Historical Maximum Water Level: n/a

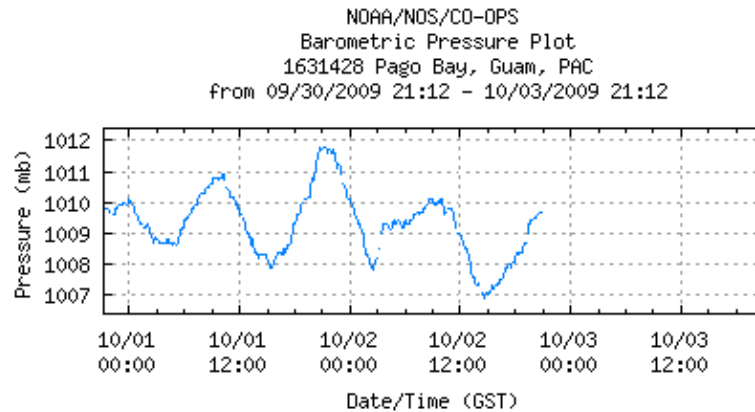
Pago Bay, Guam, PAC - [Return to List](#)



Last Observed Sample: 10/02/2009 20:42 (GST)

Wind Speed: 0 knots Gusts: 2 knots Direction: 345° T

Pago Bay, Guam, PAC - [Return to List](#)



barometric pressure —

Last Observed Sample: 10/02/2009 20:54 (GST)

Barometric Pressure: 1009.7 mb

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce